REVOLUTION X't
POWER SUPPLY WITH 430/530/630/730 Watts

ENERMAX
AHEAD OF THE GAME

ERX430/530/630/730AWT

80 PLUS GOLD

ENERMAX
POWER. INNOVATION. DESIGN.

Features

EFFICIENCY

80 PLUS® GOLD
Up to 92 percent efficiency at 230V and 20 to 100 percent load. 80 PLUS® Gold certified.

ErP Lot 6 2013 ready!
Help systems to meet the latest EU eco-design directive ErP Lot 6 2013 (< 0.5W in standby mode*) due to a high-efficient 5V standby (+5Vsb) circuitry. *only in combination with an ErP Lot 6 2013 ready mainboard

DC-to-DC Design
The secondary voltages (+5V and +3.3V) are generated by the primary voltage rail (+12V). Positive effect: Higher efficiency, clean output voltages (low ripple & noise) and a perfect voltage regulation at all loads.

POWER

Full GPU & CPU Power
Massive 12V rail to power high-performance and overclocked processors and graphics cards. More than 97 percent of the total power of the PSU can be delivered by the 12V rail only.

Full Gaming Power
Min. two 6+2P (8P) PCI-E connectors to power the latest high-end graphics cards and multi-GPU systems (CrossfireX™ & SLI™).

CONNECTIVITY & COMPATIBILITY

Modular & Flat Cables
Simplify the cable routing and enhance the airflow inside the case.

Intel® Haswell™ Ready!
Supports the C6/C7 energy-saving functions of the latest Intel® CPUs incl. the forthcoming Intel® Haswell™ generation.

Intel ATX 12V v2.4
Compliant with the latest desktop power supply design guide. Full support of most current Intel® and AMD® CPU.

Worldwide Compatibility
100-240V AC input with automatic adjustment and up to 99% active Power Factor Correction (PFC) for global usage.

COOLING

Air Cooling by Enermax
Integrated 13.9cm fan with patented Twister Bearing Technology ensures efficient and ultra silent cooling and long lifetime (100,000 hours MTBF).

SpeedGuard
Ultra silent and powerful cooling performance due to an advanced and intelligent fan speed control.

HeatGuard
Keeping PSU fan running for 30-60 seconds after shut down to dissipate the remaining system heat and prolonging the system's lifetime.

Features

QUALITY & SAFETY

High-quality Japanese Main Capacitors
Highest component standards for maximum stability and durability.

Non-Stop 24/7 @ 40°C
Non-stop industrial class performance at 40°C/104°F ambient.

SafeGuard
Multiple protection circuitry of OVP, OTP, OPP, SCP and SIP.

CordGuard
Fixing the AC cord tightly to avoid accidental shutdowns of your PC.

+ INFO

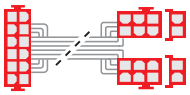
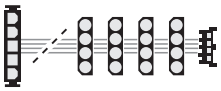
Compact, Scratch-resistant Housing
Dimensions: 150 mm x 86 mm x 140 mm (W x H x D)

3 years vendor warranty

Cables and Connectors

		ERX430 AWT	ERX530 AWT	ERX630 AWT	ERX730 AWT
Native Connectors					
EPS12V 24 Pin		1x 55cm	1x 55cm	1x 55cm	1x 55cm
CPU 4+4 Pin		1x 60cm	1x 60cm	1x 60cm	1x 60cm
PCI-E 2.0 6+2P (8P)		-	-	2x 45cm	2x 45cm
Modular Connectors					
SATA		8x	8x	8x	8x
4P Molex		4x	4x	4x	4x
PCI-E 2.0 6+2P (8P)		2x	2x	2x	2x
FDD		1x	1x	1x	1x

Cables and Connectors

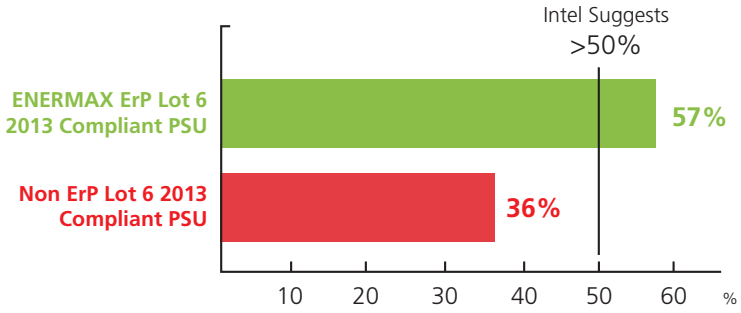
Modular Cables		ERX430 AWT	ERX530 AWT	ERX630 AWT	ERX730 AWT
EMC014-F 2x PCI-E 2.0 6+2 Pin		**1x** 50cm	**1x** 50cm	**1x** 50cm	**1x** 50cm
EMC019-F 4x SATA		**2x** 45 / 60 / 75 / 90cm	**2x** 45 / 60 / 75 / 90cm	**2x** 45 / 60 / 75 / 90cm	**2x** 45 / 60 / 75 / 90cm
EMC020-F 4x 4 Pin Molex + FDD		**1x** 45 / 60 / 75 / 90 / 105cm	**1x** 45 / 60 / 75 / 90 / 105cm	**1x** 45 / 60 / 75 / 90 / 105cm	**1x** 45 / 60 / 75 / 90 / 105cm

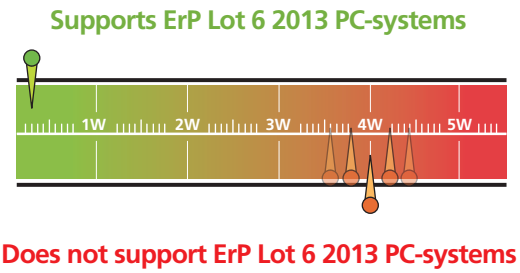
Specifications

	ERX430 AWT		ERX530 AWT		ERX630 AWT		ERX730 AWT	
AC Input Rating								
Input Voltage	100-240VAC, 50-60Hz							
Input Current	10–5A							
DC Output Rating								
+3.3V	20A	100W	20A	100W	25A	125W	25A	125W
+5V	20A		20A		25A		25A	
+12V	35A	420W	43A	516W	51A	612W	60A	720W
-12V	0.8A	9.6W	0.8A	9.6W	0.8A	9.6W	0.8A	9.6W
+5Vsb	3A	15W	3A	15W	3A	15W	3A	15W
Total Power	**430W**		**530W**		**630W**		**730W**	
Modular Sockets								

ErP Lot 6 2013 ready!

ErP Lot 6 (ErP = Energy-related Products, previously EuP = Energy-using Products) is part of the EU eco-design directive and amongst others defines the maximum power consumption of PC systems in standby mode. Following this regulation, a PC system must not consume more than 0.5W. The decisive components to fulfil the ErP Lot 6 targets are the mainboard and the PSU. Enermax relies on a circuit design, which improves the efficiency of the 5V standby rail (+5Vsb) about 20 per cent.



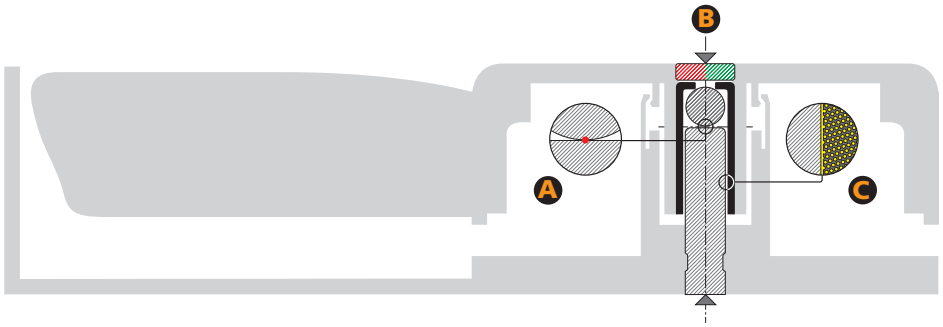


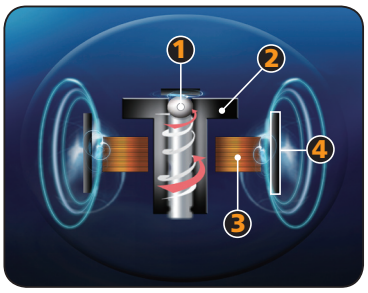
Twister Bearing Technology

Twister Bearing Technology (patented)

Persistent low noise level

Longer life: up to 100,000 hours MTBF





1. Magnetized steel ball
2. Self-lubricating nano bearing
3. Coils
4. Flexible magnets inside the rotor

A **Minimal contact area**
For an effective noise reduction

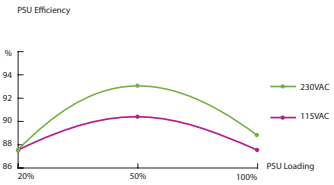
B **Rotor with integrated magnet**
For a frictionless and smooth motion

C **Self-lubricating bearing sleeve**
Abrasion protection for a longer lifetime

Up to 92% Efficiency

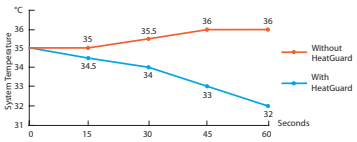
@ 230V

80 PLUS GOLD



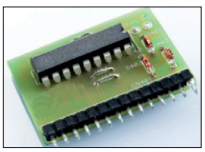
Leading Technology for highest efficiency.

HeatGuard



Keeping PSU fan running for 30-60 seconds after shut down to dissipate the remaining system heat.

SafeGuard



Multiple protection circuitry of OVP, OTP, OPP, SCP and SIP.

Certifications & Standards

E134014

R43028